

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
June 2009  
Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

6/22/13

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4058  
Name: American Warrior, Inc  
Address 1: P O Box 399  
Address 2: \_\_\_\_\_  
City: Garden City State: KS Zip: 67846 + \_\_\_\_\_  
Contact Person: Kevin Wiles, Sr  
Phone: ( 620 ) 275-2963  
CONTRACTOR: License # 5929  
Name: Duke Drilling Co  
Wellsite Geologist: Bruce Ard/Jim Musgrove  
Purchaser: N/A

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Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SLOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

5/5/11	5/10/11	6/17/11
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 159-22,643 -00-00

Spot Description: NE-SW-SE-SW  
NE SW SE SW Sec. 13 Twp. 19 S. R. 10  East  West  
479 Feet from  North /  South Line of Section  
1,823 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW

County: Rice

Lease Name: Dale Beneke Well #: 2-13

Field Name: Chase-Silica

Producing Formation: Arbuckle

Elevation: Ground: 1744' Kelly Bushing: 1752'

Total Depth: 3400' Plug Back Total Depth: 3366'

Amount of Surface Pipe Set and Cemented at: 364 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_  
 feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 18,950 ppm Fluid volume: 97 bbls

Dewatering method used: EVAPORATION

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

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**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Main Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]

Title: Geologist Date: 6/21/11

KCC Office Use ONLY

- Letter of Confidentiality Received  
Date: 6/22/11 - 6/22/13
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: [Signature] Date: 6-27-11

Operator Name: American Warrior, Inc Lease Name: Dale Beneke Well #: 2-13  
 Sec. 13 Twp. 19 S. R. 10  East  West County: Rice

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>DIL, MIL, CD/CNL</b>	<input checked="" type="checkbox"/> Log    Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Stone Corral</td> <td>410'</td> <td>+1342</td> </tr> <tr> <td>Base Stone Corral</td> <td>429'</td> <td>+1323</td> </tr> <tr> <td>Heebner</td> <td>2803'</td> <td>-1051</td> </tr> <tr> <td>Lansing</td> <td>2958'</td> <td>-1206</td> </tr> <tr> <td>Base Kansas City</td> <td>3238'</td> <td>-1486</td> </tr> <tr> <td>Conglomerate</td> <td>3270'</td> <td>-1518</td> </tr> <tr> <td>Arbuckle</td> <td>3288'</td> <td>-1536</td> </tr> </table>	Name	Top	Datum	Stone Corral	410'	+1342	Base Stone Corral	429'	+1323	Heebner	2803'	-1051	Lansing	2958'	-1206	Base Kansas City	3238'	-1486	Conglomerate	3270'	-1518	Arbuckle	3288'	-1536
Name	Top	Datum																							
Stone Corral	410'	+1342																							
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Lansing	2958'	-1206																							
Base Kansas City	3238'	-1486																							
Conglomerate	3270'	-1518																							
Arbuckle	3288'	-1536																							

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	23#	364'	Class A	250	3%cc2%gel
Production	8-7/8"	5-1/2"	14#	3399'	EA-2	150	Flocele

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3291'-3300'	None	
		<b>RECEIVED</b> <b>JUN 22 2011</b> <b>KCC WICHITA</b>	

TUBING RECORD: Size: <u>2-3/8"</u> Set At: <u>3360'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>N/A</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>N/A</u>	Gas Mcf <u>N/A</u>	Water Bbls. <u>N/A</u>
			Gas-Oil Ratio 
			Gravity 

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	<b>CONFIDENTIAL</b> 3291'-3300' (IN 2 2 2011) <b>KCC</b>
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## GENERAL TERMS AND CONDITIONS

**DEFINITIONS:** In these terms and conditions, "ALLIED" shall mean Allied Cementing Co., LLC, and "CUSTOMER" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "Merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

—**TERMS:** Unless satisfactory credit has been established, CUSTOMER must tender full cash payment to ALLIED before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, CUSTOMER agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that CUSTOMER may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the CUSTOMER or at the option of ALLIED, refunded directly to CUSTOMER. For purposes of this paragraph, ALLIED and CUSTOMER agree that Kansas law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

—**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

—**PRICES AND TAXES:** All merchandise listed in ALLIED'S current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

—**TOWING CHARGES:** ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

—**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

—**DEADHAUL CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

—**SERVICE CONDITIONS AND LIABILITIES:**

1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. CUSTOMER shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

**WARRANTIES:**

1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.



CHARGE TO: American Warrior  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

TICKET  
19671

PAGE \_\_\_\_\_ OF \_\_\_\_\_  
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1. SERVICE LOCATIONS <u>NKS</u>	WELL/PROJECT NO. <u>2-13</u>	LEASE <u>DAIC BENECH</u>	COUNTY/PARISH <u>RICE</u>	STATE <u>KS</u>	CITY	DATE <u>05-11-11</u>	OWNER <u>2</u>
2. <u>NKS</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. <u>SLIKE # 8</u>	SHIPPED VIA <u>GT</u>	DELIVERED TO <u>NW CHASE</u>	ORDER NO.	
3.	WELL TYPE <u>DIL</u>	WELL CATEGORY <u>DEVELOP</u>	JOB PURPOSE <u>LONGSTRING</u>	WELL PERMIT NO. <u>15-159-22643</u>	WELL LOCATION <u>S13-19.R110</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		/			MILEAGE <u>2112</u>	70	M			5.00	350.00
578		/			Pump SERVICE	1	EA			1400.00	1400.00
221		/			LIQUID NCL	2	GAZ			25.00	50.00
281		/			MUD FLUSH	500	GAZ			1.00	500.00
290		/			D AIR	1	GAZ			35.00	35.00
402		/			CENTRALIZER	6	EA	5 1/2		65.00	390.00
403		/			BASSET	1	EA			230.00	230.00
406		/			LATCO DOWN PUMP SERVICE	1	EA			225.00	225.00
407		/			INJECT FLUSH SHOX 4A-10116	1	EA			300.00	300.00

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**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X [Signature]  
 DATE SIGNED 05-11-11 TIME SIGNED 0540  A.M.  P.M.

REMIT PAYMENT TO:  
  
 SWIFT SERVICES, INC.  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				1	3480.00
WE UNDERSTOOD AND MET YOUR NEEDS?				2	4882.13
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				sub TOTAL	7862.13
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				RICE TAX @ 7.03%	380.33
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	8242.46

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket

SWIFT OPERATOR [Signature] APPROVAL \_\_\_\_\_

Thank You!



**JOB LOG**

**SWIFT Services, Inc.**

DATE 05-11-11 PAGE NO. 1

CUSTOMER AMERICAN WARRIOR WELL NO. 2-13 LEASE Dr. Bencine JOB TYPE LONGSTRIK TICKET NO. 19671

CHART NO.	TIME	RATE (BPM)	VOLUME (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	D100							ON LOCATION CMT: 175 50 STD EAT
								RVD 3100 SET PIPE @ 3379 SJOB 0 FOOT 3376 5 1/2 15.8 140'
								CMT 2, 5, 7, 9, 11, 13      Bore 4 OUT 81.82
	D105							START CSG + FLOWER
	D525							TO BOTTOM - DROP BALL
	D530							BREAK CIRC 4 RIC 1 HA
	D630		7.5					PLUG RH 30, MHS
	D635	6.0	12		-		300	MED FLUSH 500 GALS
			20		-			KCC FLUSH
			31.5		-			CMT R3056
								DROP LD PLUG, WASHOUT PL
		6.0	0		-		300	START DISP
			51.5		-		300	CMT DN BOTTOM
			75.0		-		600	
			80.0		-		700	
	D700		82.3		-		1400	LAND PLUG
	D705							RELEASE - DRY
								JOB COMPLETE
								THANK YOU! DAVE JRS HB,
								RECEIVED JUN 22 2011 KCC WICHITA
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**JAMES C. MUSGROVE**

Petroleum Geologist  
212 Main Street  
P.O. Box 215  
Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

American Warrior Inc.  
Dale Beneke #2-13  
NE-SW-SE-SW (479' FSL & 1823" FWL)  
Section 13-19s-10w  
Rice County, Kansas  
Page 1

**5 1/2" Production Casing**

**Contractor:** Duke Drilling Company (Rig #8)  
**Commenced:** May 5, 2011  
**Completed:** May 8, 2011  
**Elevation:** 1752' K.B.; 1750' D.F., 1744' G.L.  
**Casing program:** Surface; 8/58" @ 364' Production ; 5 1/2@3399'  
**Sample:** Samples saved and examined 2600' to the Rotary Total Depth.  
**Drilling time:** One (1) foot drilling time recorded and kept 2600 ft to the Rotary Total Depth.  
**Measurements:** All depths measured from the Kelly Bushing.  
**Formation Testing:** There was one (1) Drill Stem Test ran by Trilobite Testing Co.  
**Electric Log:** By Log Tech; Dual Induction, Dual Compensated Porosity and Micro Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	410	+1342
Base Anhydrite	429	+1323
Heebner	2803	-1051
Toronto	2824	-1072
Douglas	2834	-1082
Brown Lime	2928	-1176
Lansing	2958	-1206
Base Kansas City	3238	-1486
Conglomerate	3270	-1518
Arbuckle	3288	-1536
Rotary Total Depth	3400	-1648
Log Total Depth	3398	-1646

(All tops and zones corrected to Electric Log measurements).

**SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.**

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**TOPEKA SECTION**

2726-2740' Limestone; light gray, cream, chalky, finely crystalline, few fossiliferous, trace stain, no show of free oil and no odor in fresh samples.



2750-2770' Limestone; as above, increasingly chalky.

**TORONTO SECTION**

2824-2834' Limestone; gray, white, finely crystalline, slightly fossiliferous, poor visible porosity, slightly cherty, questionable dead oil stain, no show of free oil and no odor in fresh samples.

**LANSING SECTION**

2958-2964' Limestone; cream, gray, fossiliferous, poor scattered porosity, trace stain, no show of free oil and faint odor in fresh samples.

2974-2981' Limestone; gray, cream, chalky, oomoldic, fair porosity, trace poor stain, no show of free oil and faint odor in fresh samples.

2998-3010' Limestone; dark gray, fossiliferous, poor porosity, questionable stain, questionable odor in fresh samples.

3026-3040' Limestone; gray, finely crystalline, fossiliferous, scattered porosity, no shows.

3044-3064' Limestone; cream, gray, chalky, oomoldic, no shows, and questionable odor in fresh samples.

3100-3110' Limestone; tan, brown, sub oomoldic, chalky, poor porosity, no shows.

3116-3128' Limestone; gray, cream, fossiliferous/oolitic, chalky, no shows.

3142-3152' Limestone; gray, oolitic, oomoldic, fair to good porosity (barren).

3170-3190' Limestone; white, gray, oolitic, fossiliferous, chalky, poor porosity, plus gray and white, cherty, dense, limestone.

3208-3220' Limestone; as above, chalky, no shows.

**ARBUCKLE SECTION**

3288-3300' Dolomite; tan, fine and medium crystalline, sucrosic in part, fair intercrystalline and pinpoint type porosity, light brown and golden brown stain, show of free oil and faint odor in fresh samples.

**Drill Stem Test #1 3234-3300'**

**Times:** 30-30-30-45  
**Blow:** Strong  
**Recovery:** 860' gas in pipe  
 875' clean oil  
 245' mud cut gassy oil  
**Pressures:** ISIP 991 psi  
 FSIP 994 psi  
 IFP 73-104 psi  
 FFP 284-421 psi  
 HSH 1620-1576 psi

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- 3300-3314' Dolomite; as above, fair intercrystalline, porosity, fair golden brown stain, show of free oil and fair odor in fresh samples.
- 3314-3320' Dolomite; as above, fair stain and saturation, fair show of free oil and good odor in fresh samples.
- 3320-3330' Dolomite; gray, white, medium crystalline, scattered porosity, trace light brown stain, show of free oil and fair odor in fresh samples, trace gray chert.
- 3330-3350' Dolomite; tan, finely crystalline, fair porosity, trace poor stain, plus gray and white, boney oolitic to opaque chert.
- 3350-3370' Dolomite; tan, gray, pink, fine to medium crystalline, scattered intercrystalline porosity (barren).
- 3370-3380' Dolomite; as above, plus gray opaque chert.
- 3380-3398' Dolomite; tan, brown, finely oomoldic, fair oomoldic and vuggy type porosity, plus white oolitic chert.

**Rotary Total Depth            3400**  
**Log Total Depth             3398**

**Recommendations:**

5 1/2" production was set and cemented at 3399' and the following zone should be tested in the Dale Beneke #2-13

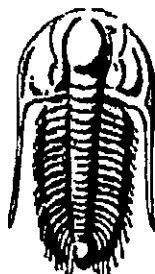
- 1) Arbuckle            3291-3300    perforate

Respectfully submitted;

  
James C. Musgrove,  
Petroleum Geologist



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**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **American Warrior Inc.**

PO Box 399  
Garden City, KS 67646

ATTN: Jim Musgrove

**13-19-10 Rice, KS**

**Dale Benele 2-13**

Start Date: 2011.05.10 @ 04:49:53

End Date: 2011.05.10 @ 10:43:23

Job Ticket #: 42565                      DST #: 1

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Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

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American Warrior Inc.

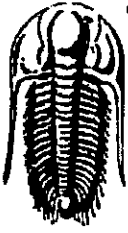
Dale Benele 2-13

13-19-10 Rice, KS

DST # 1

Arbuckle

2011.05.10



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior Inc.  
PO Box 399  
Garden City, KS 67646  
ATTN: Jim Musgrove

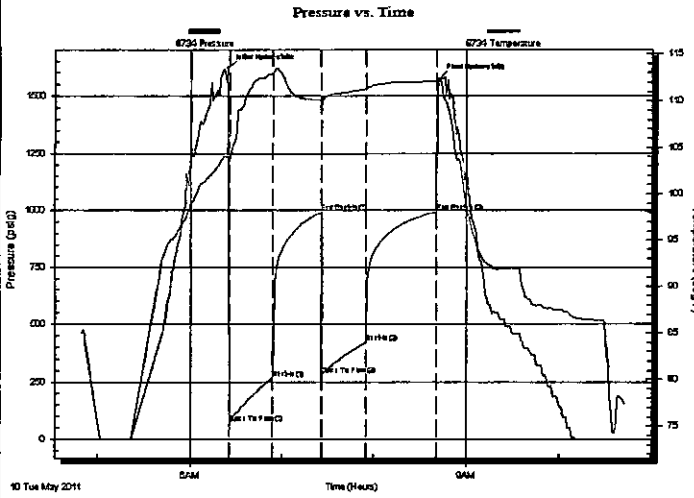
**Dale Benele 2-13**  
**13-19-10 Rice, KS**  
Job Ticket: 42565      DST#: 1  
Test Start: 2011.05.10 @ 04:49:53

## GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: **No Whipstock**      ft (KB)  
Time Tool Opened: 06:25:53  
Time Test Ended: 10:43:23  
Interval: **3234.00 ft (KB) To 3300.00 ft (KB) (TVD)**  
Total Depth: **3300.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Good**  
Test Type: **Conventional Bottom Hole**  
Tester: **Brian Fairbank**  
Unit No: **41**  
Reference Elevations: **1757.00 ft (KB)**  
**1749.00 ft (CF)**  
KB to GR/CF: **8.00 ft**

**Serial #: 8734**      **Outside**  
Press@RunDepth: **420.91 psig @ 3239.00 ft (KB)**  
Start Date: **2011.05.10**      End Date: **2011.05.10**  
Start Time: **04:49:54**      End Time: **10:43:23**  
Capacity: **8000.00 psig**  
Last Calib.: **2011.05.10**  
Time On Btrr: **2011.05.10 @ 06:24:53**  
Time Off Btrr: **2011.05.10 @ 08:42:23**

**TEST COMMENT:** IFP - BOB 2 min  
ISI - BOB 11 min  
ISI - BOB 2 min  
FSI - 4 1/2" blow back - died 31 min



## PRESSURE SUMMARY

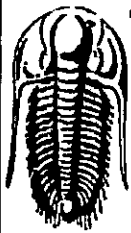
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1619.64	104.04	Initial Hydro-static
1	73.26	103.56	Open To Flow (1)
29	265.39	112.94	Shut-In (1)
61	990.70	110.15	End Shut-In (1)
62	283.71	109.89	Open To Flow (2)
90	420.91	111.29	Shut-In (2)
136	994.31	112.10	End Shut-In (2)
138	1576.14	112.14	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	GMO 20%G, 40%O, 40%M	0.84
185.00	GMO 60%G, 20%O, 20%M	2.60
875.00	FREE OIL 95%O, 5%M	12.27
0.00	860' GIP	0.00

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

American Warrior Inc.  
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ATTN: Jim Musgrove

**Dale Benele 2-13**  
**13-19-10 Rice, KS**  
Job Ticket: 42565      **DST#: 1**  
Test Start: 2011.05.10 @ 04:49:53

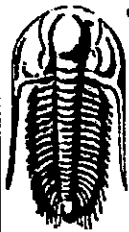
**Tool Information**

Drill Pipe:	Length: 3233.00 ft	Diameter: 3.80 inches	Volume: 45.35 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 45.35 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	3234.00 ft			Final 39000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	66.00 ft			
Tool Length:	86.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

**Tool Comments:**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3219.00	
Hydraulic tool	5.00			3224.00	
Packer	5.00			3229.00	20.00      Bottom Of Top Packer
Packer	5.00			3234.00	
Stubb	1.00			3235.00	
Perforations	3.00			3238.00	
Change Over Sub	1.00			3239.00	
Recorder	0.00	8372	Inside	3239.00	
Recorder	0.00	8734	Outside	3239.00	
Blank Spacing	32.00			3271.00	
Change Over Sub	1.00			3272.00	
Perforations	25.00			3297.00	
Bullnose	3.00			3300.00	66.00      Bottom Packers & Anchor

**Total Tool Length: 86.00**



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**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

American Warrior Inc.  
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**Dale Benele 2-13**  
**13-19-10 Rice, KS**  
Job Ticket: 42565      DST#: 1  
Test Start: 2011.05.10 @ 04:49:53

**Mud and Cushion Information**

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 51.00 sec/qt  
Water Loss: 8.79 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 3600.00 ppm  
Filter Cake: inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: 47 deg API  
Water Satfinity: ppm

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
60.00	GMO 20%G, 40%O, 40%M	0.842
185.00	GMO 60%G, 20%O, 20%M	2.595
875.00	FREE OIL 95%O, 5%M	12.274
0.00	860' GIP	0.000

Total Length: 1120.00 ft      Total Volume: 15.711 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

